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(71) Applicant (for all designated States except US): YALE  
UNIVERSITY [US/US]; 451 College Street, New Haven,  
CT 06520 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): KUNG, Patrick,

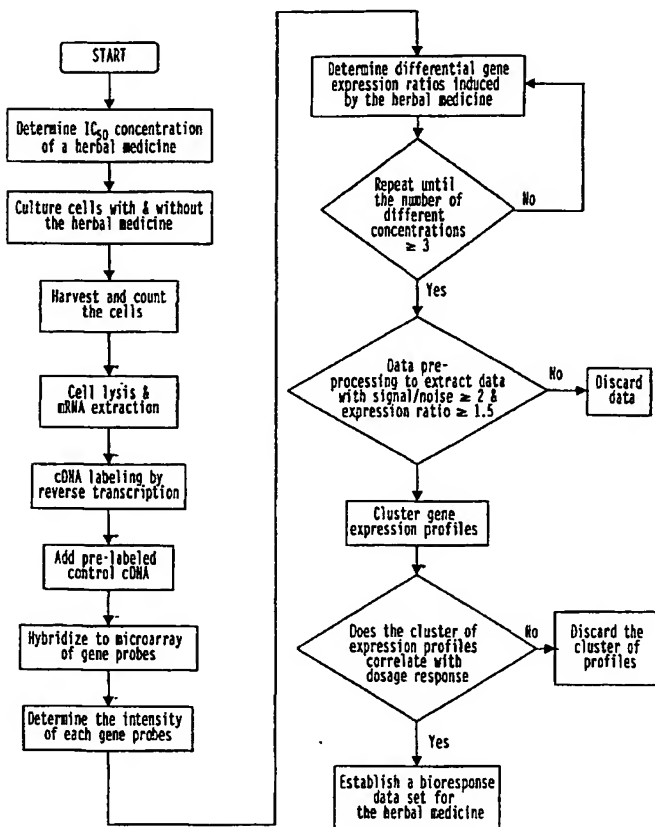
C. [US/US]; 975 Memorial Drive, Unit 301, Cambridge,  
MA 02138 (US). PECK, Konan [—/—]; 6F, No.8, Alley  
30, Lane 78, Sec.2, Fu-Shing S. Road, Taipei, Taiwan 106  
(TW). LEE, Yun-Shien [—/—]; 9F, 604 Nwan-Nwan  
Street, Keelung, Taiwan 200 (TW). SHER, Yuh-Pyng  
[—/—]; 7F, 114 Gungjian Road, Shijr Jen, Taiwan 221  
(TW). CHENG, Yung-Chi [US/US]; 961 Baldwin Road,  
Woodbridge, CT 06525 (US).

(74) Agent: VEITENHEIMER, Erich, E.; Morgan Lewis  
& Bockius LLP, 1800 M Street, N.W., Washington, DC  
20036-5869 (US).

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(54) Title: PHYTOMICS: A GENOMIC-BASED APPROACH TO HERBAL COMPOSITIONS



(57) Abstract: The present invention provides the tools and methodologies necessary to guide the standardization of herbal compositions, to determine which specific components of an herbal composition are responsible for any particular biological activity, to predict the biological activities of a particular herbal composition, to determine the relatedness of herbal compositions, and for the development of improved herbal therapeutics. This invention provides the tools and methodologies for creating, maintaining, improving and utilizing Herbal BioResponse Arrays (HBR Arrays), wherein the HBR Arrays constitute data sets associated with particular herbal compositions. The HBR Arrays of the present invention contain gene expression profiles and may also include information on the plant-related parameters of the herbal constituents, marker information collected following the exposure of a biosystem to the herbal composition, and biological response information collected following the exposure of a biosystem to the herbal composition.

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A. CLASSIFICATION OF SUBJECT MATTER  
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## B. FIELDS SEARCHED

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WPI Data, PAJ, MEDLINE, CHEM ABS Data, BIOSIS, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 06874 A (UNIV CALIFORNIA) 19 February 1998 (1998-02-19) the whole document ---	1-24
X	WO 97 13877 A (LYNX THERAPEUTICS INC ;MARTIN DAVID W (US)) 17 April 1997 (1997-04-17) the whole document ---	1-24
X	WO 97 27317 A (CHEE MARK ;LAI CHAOQIANG (US); LEE DANNY (US); AFFYMETRIX INC (US)) 31 July 1997 (1997-07-31) the whole document ---	1-24
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☒ Further documents are listed in the continuation of box C.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.  
Fax: (+31-70) 340-3016

Authorized officer

Hagenmaier, S

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X	WO 99 58720 A (ACACIA BIOSCIENCES INC) 18 November 1999 (1999-11-18) the whole document ---	1-24
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